OIPE
NOV 10 2004
PATENT & TRADEMARK OFFICE

FIG. 1
PRIOR ART

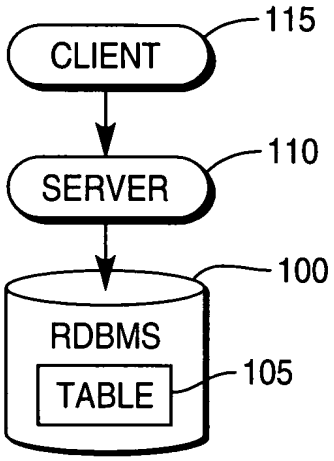
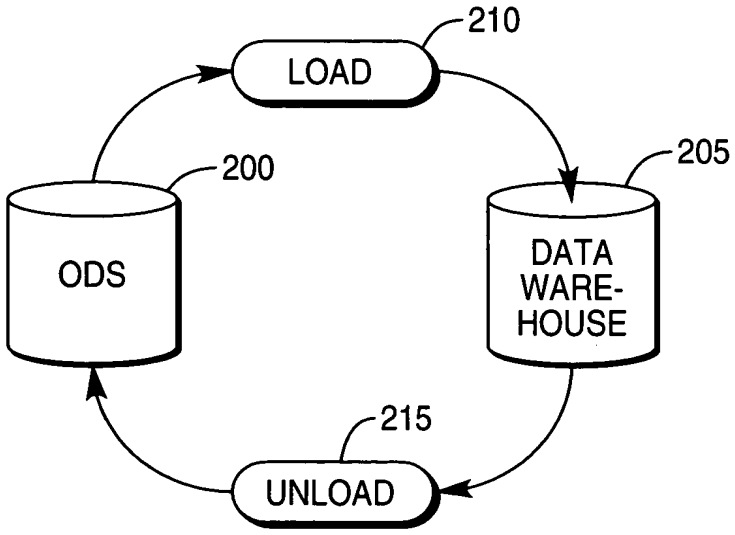
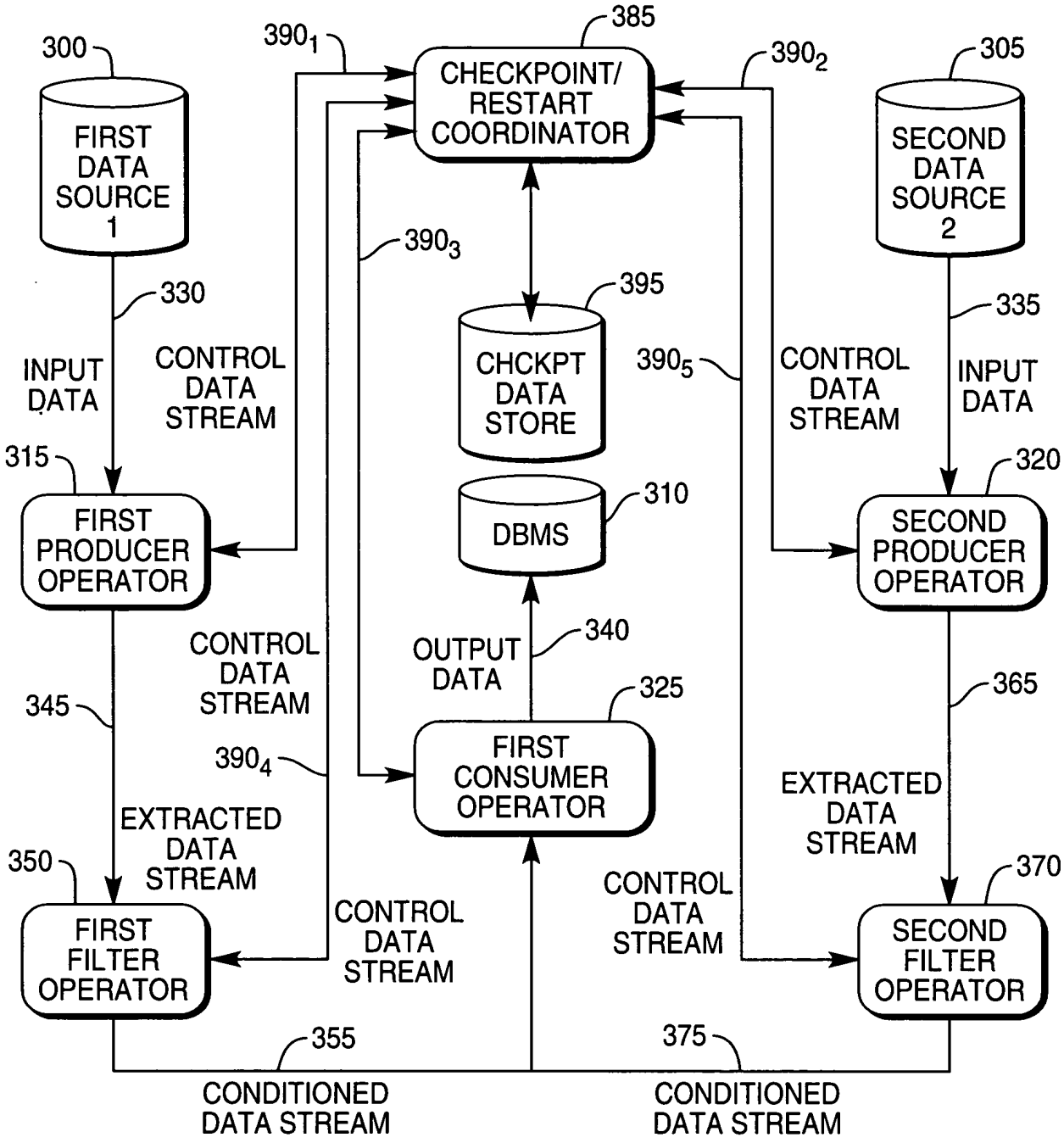


FIG. 2
PRIOR ART



OIPE JC12
NOV 10 2004
PATENT & TRADEMARK OFFICE

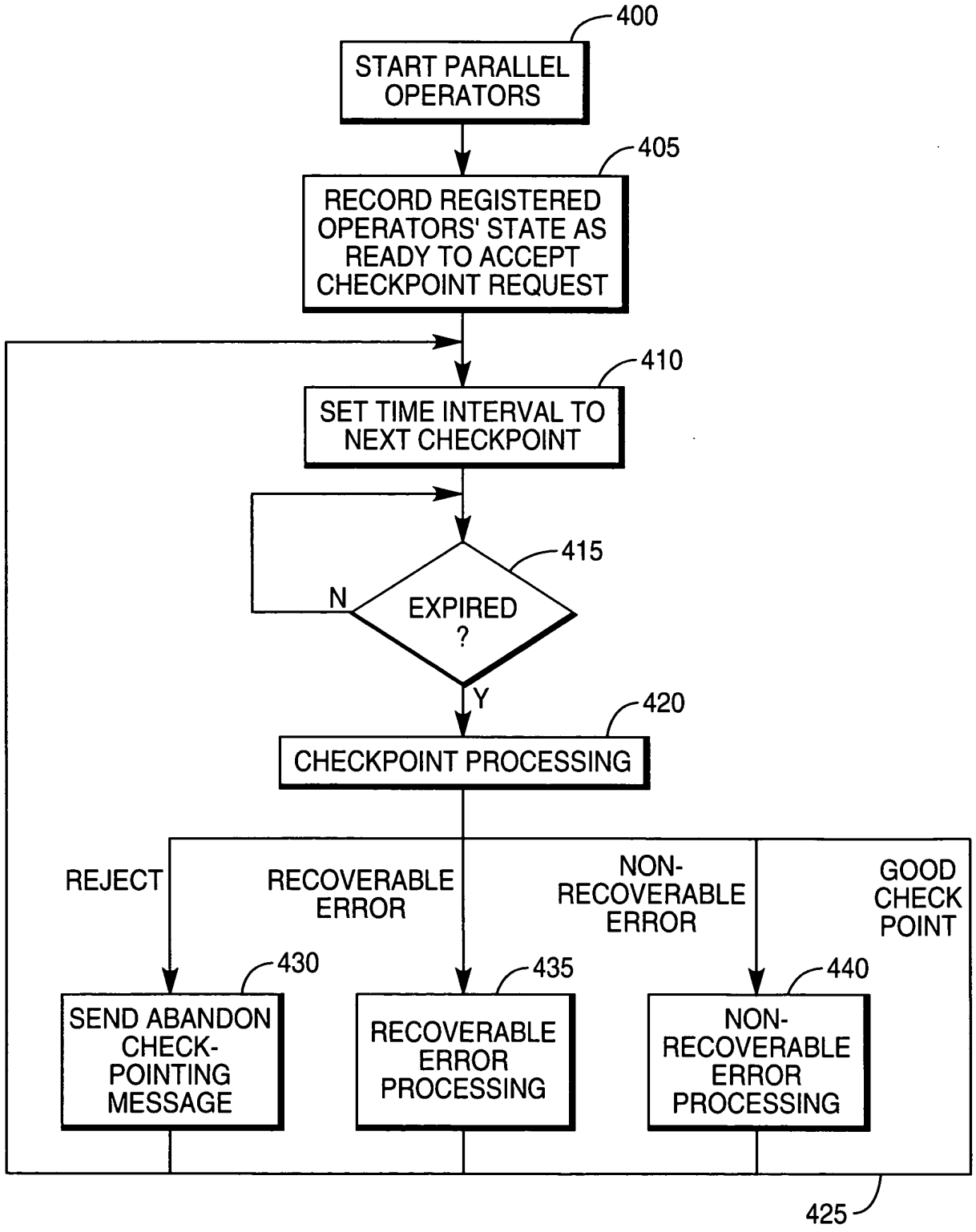
FIG. 3



OIPE JC12
NOV 10 2004
PATENT & TRADEMARK OFFICE

FIG. 4

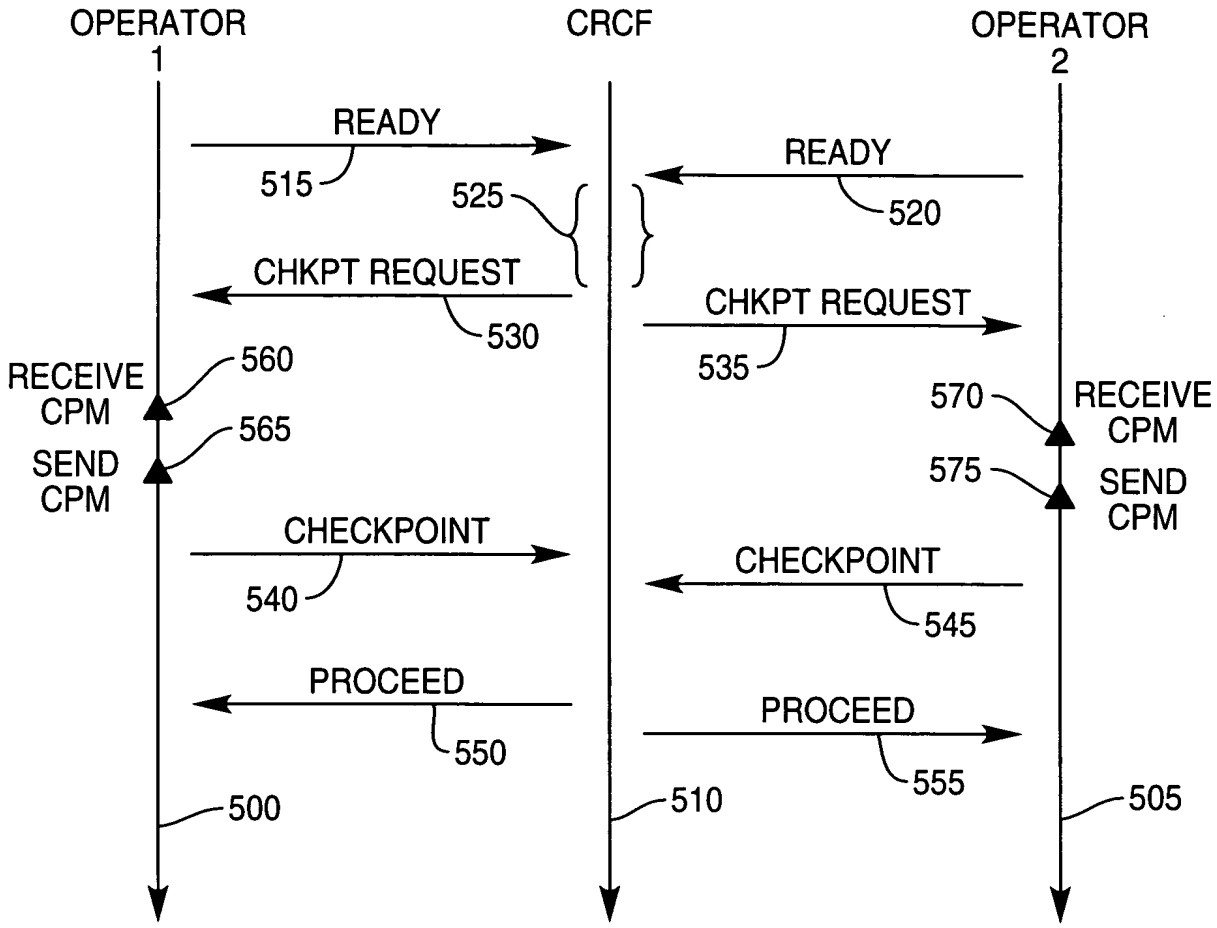
(CHECKPOINT PROCESSING)



OIPE JC12
NOV 10 2004
PATENT & TRADEMARK OFFICE

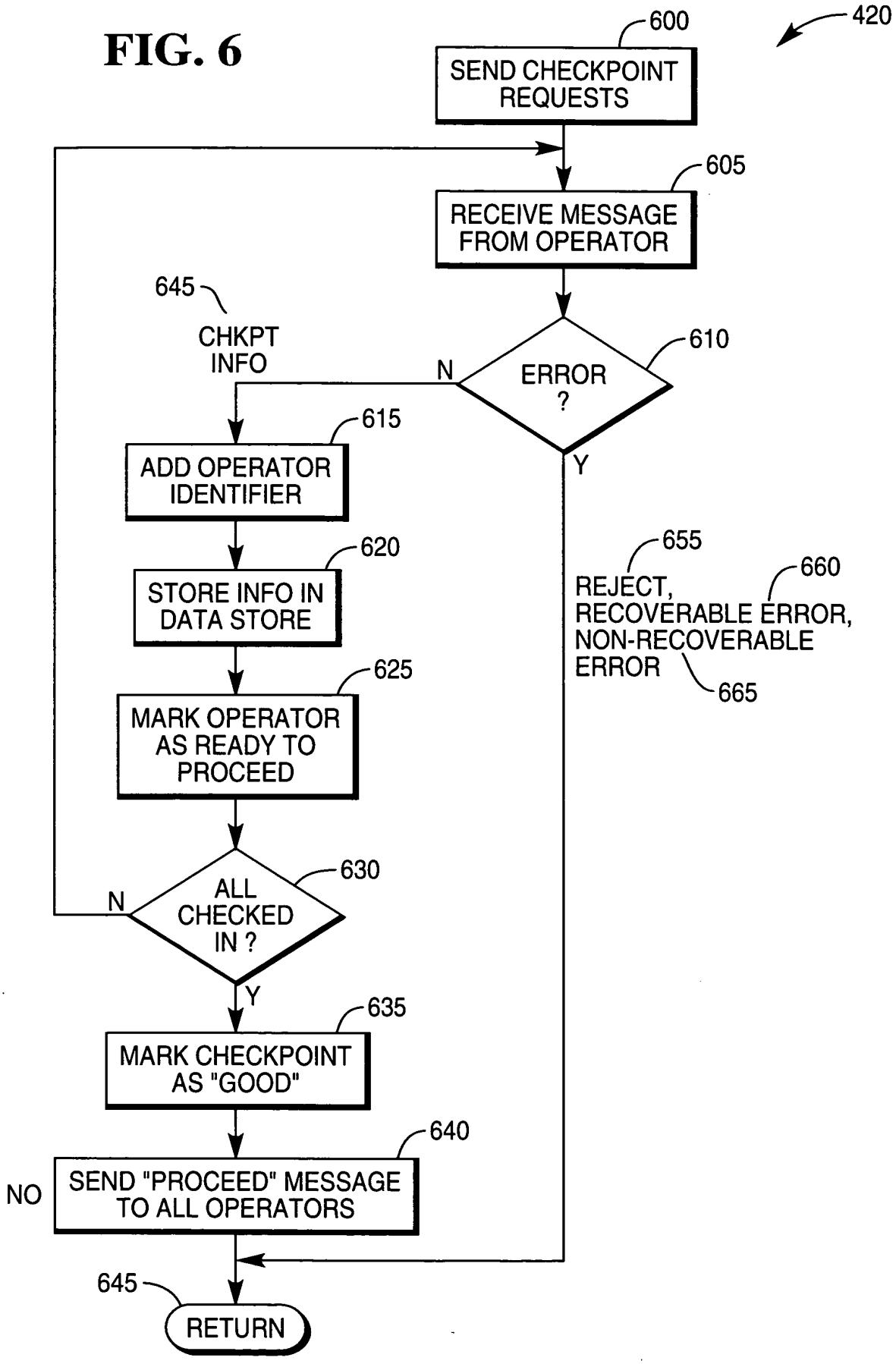
FIG. 5

(NORMAL PROCESSING)



NOV 10 2004
PATENT & TRADEMARK OFFICE

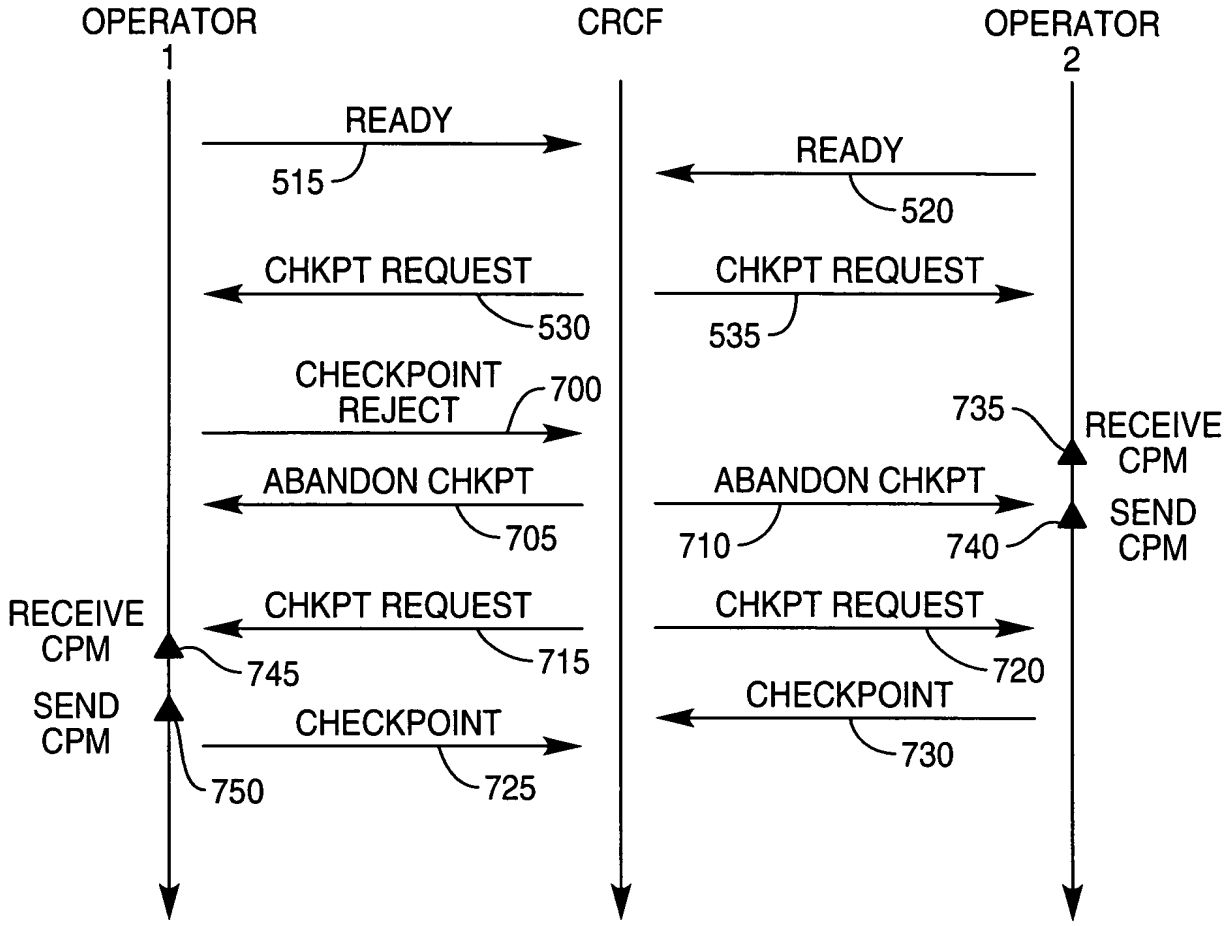
FIG. 6



OIPE JC12
NOV 10 2004
PATENT & TRADEMARK OFFICE

FIG. 7

(CHECKPOINT REJECTED)



OIPE
NOV 10 2004
PATENT & TRADEMARK OFFICE
JC112

FIG. 8

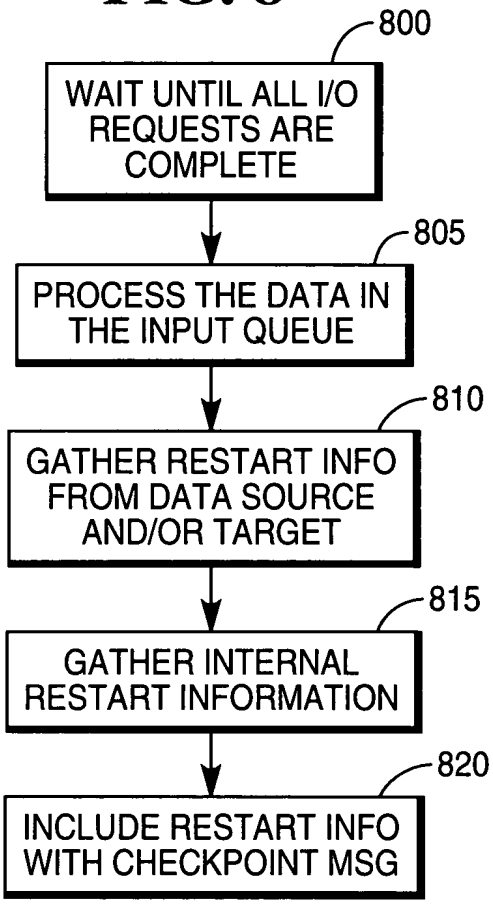


FIG. 9

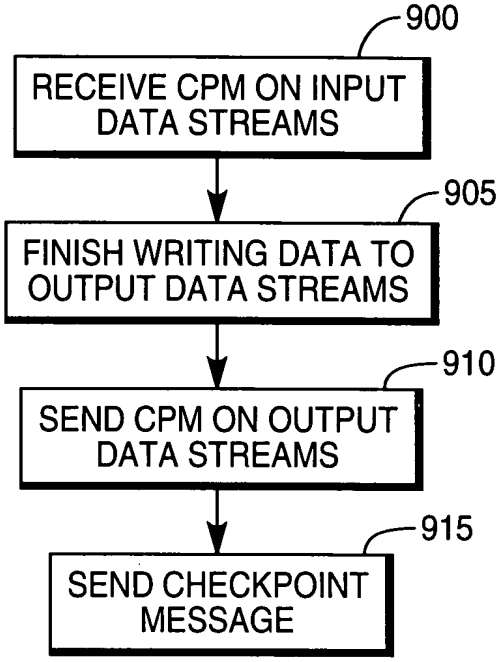
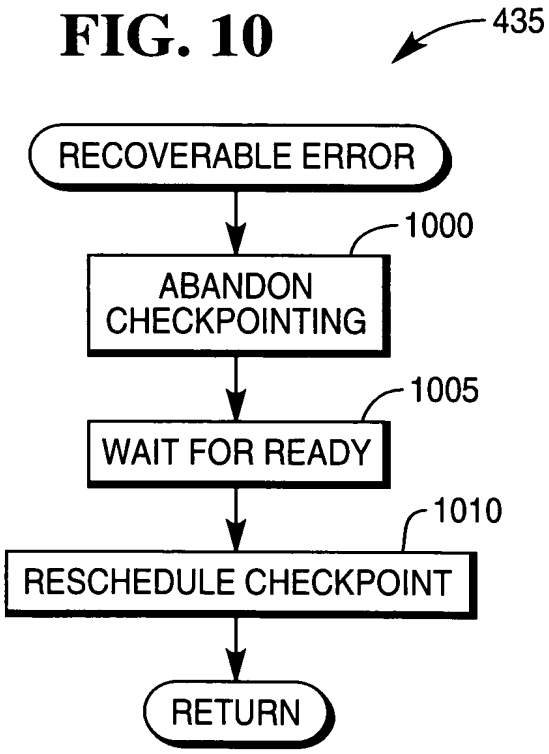


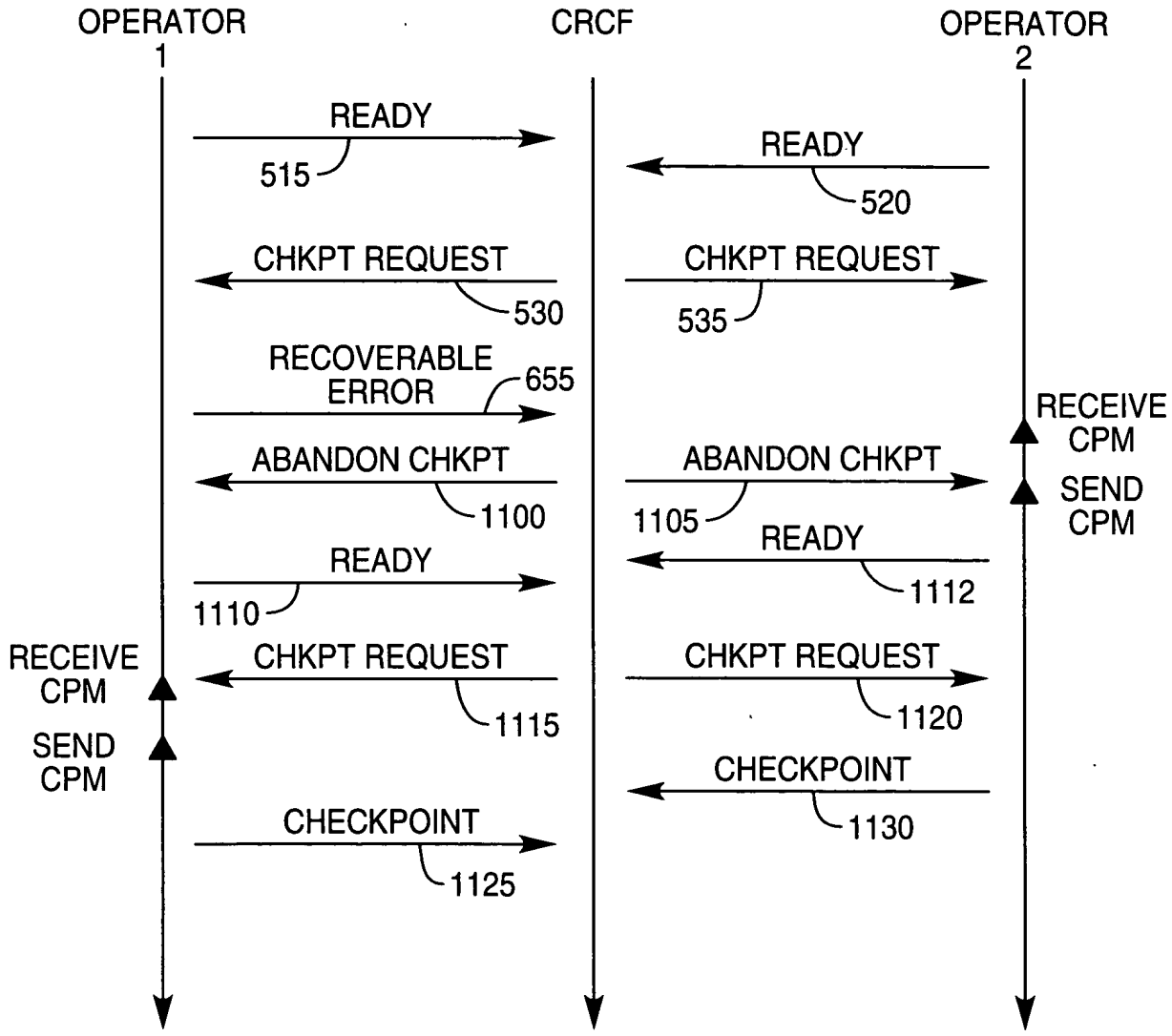
FIG. 10



OIPE JC112
NOV 10 2004
PATENT & TRADEMARK OFFICE

FIG. 11

(RECOVERABLE ERROR)



OIPE
NOV 10 2004
JC112
PATENT & TRADEMARK OFFICE

FIG. 12

(NON-RECOVERABLE ERROR)

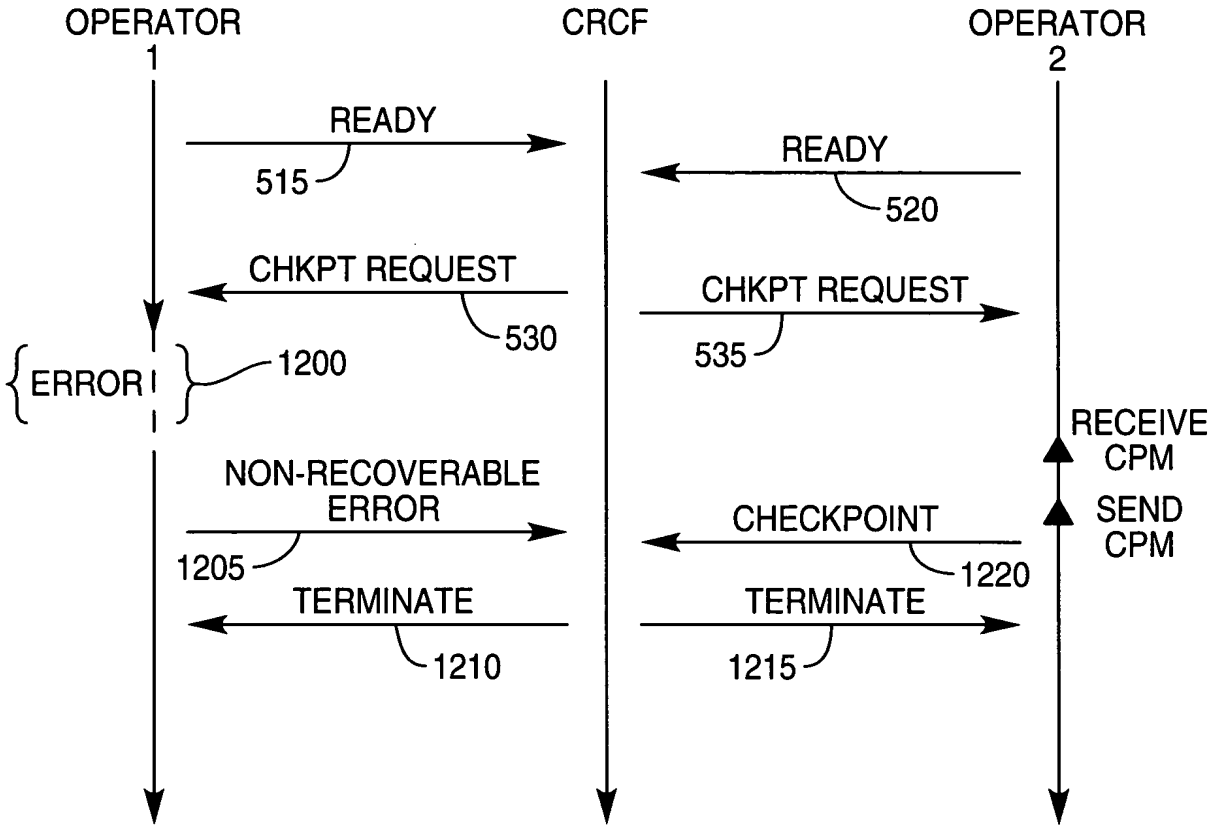
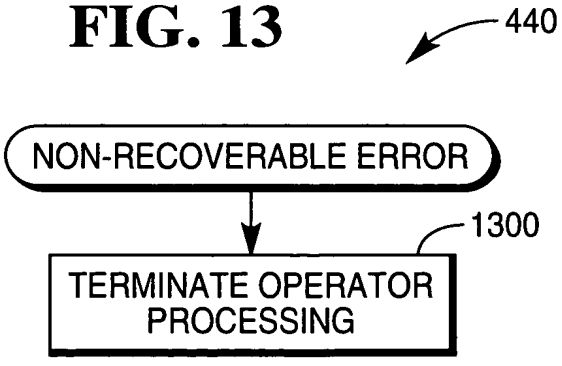


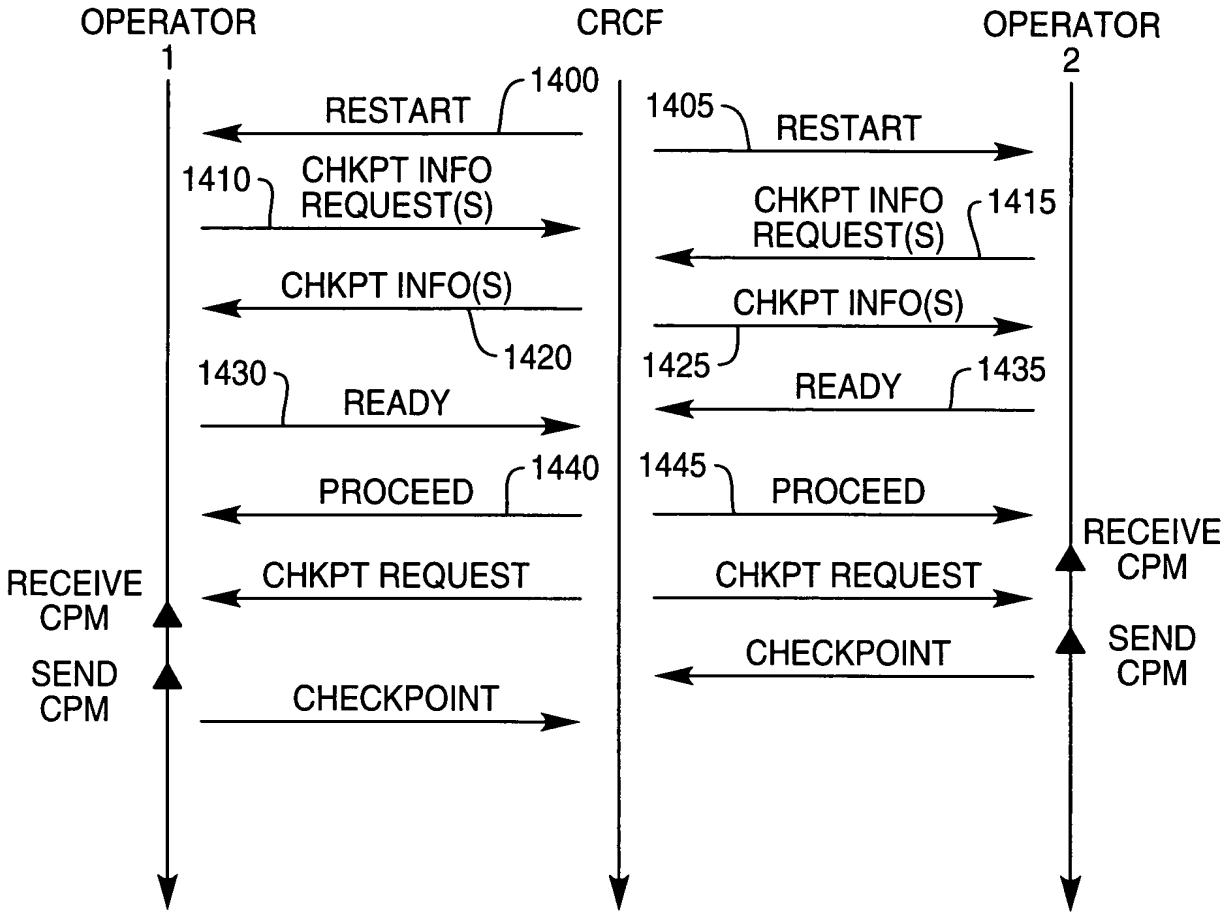
FIG. 13



OIPE
NOV 10 2004
PATENT & TRADEMARK OFFICE
JC112

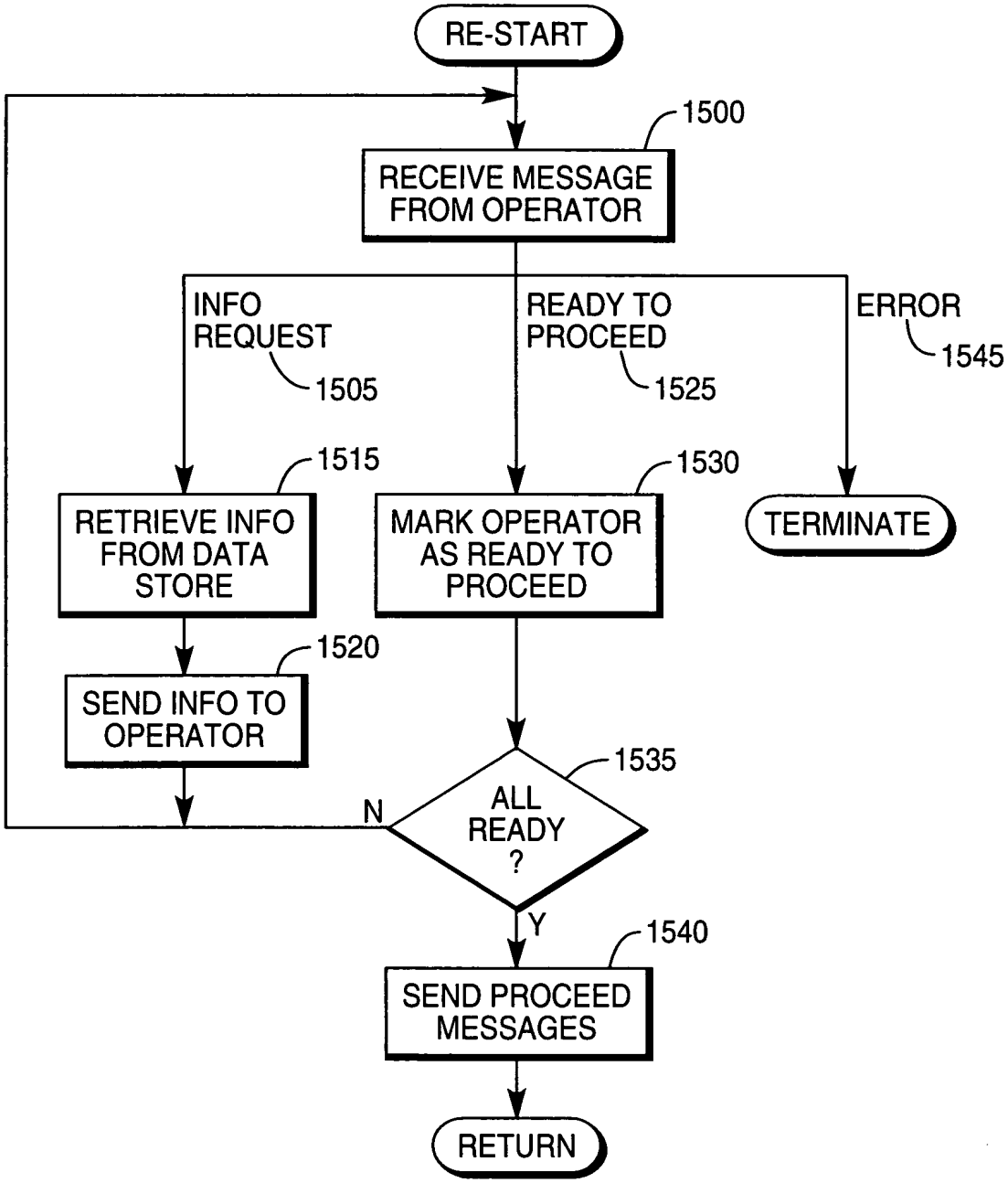
FIG. 14

(RE-START)



OIPE
NOV 10 2004
JC112
PATENT & TRADEMARK OFFICE

FIG. 15



OIPE
NOV 10 2004
PATENT & TRADEMARK OFFICE

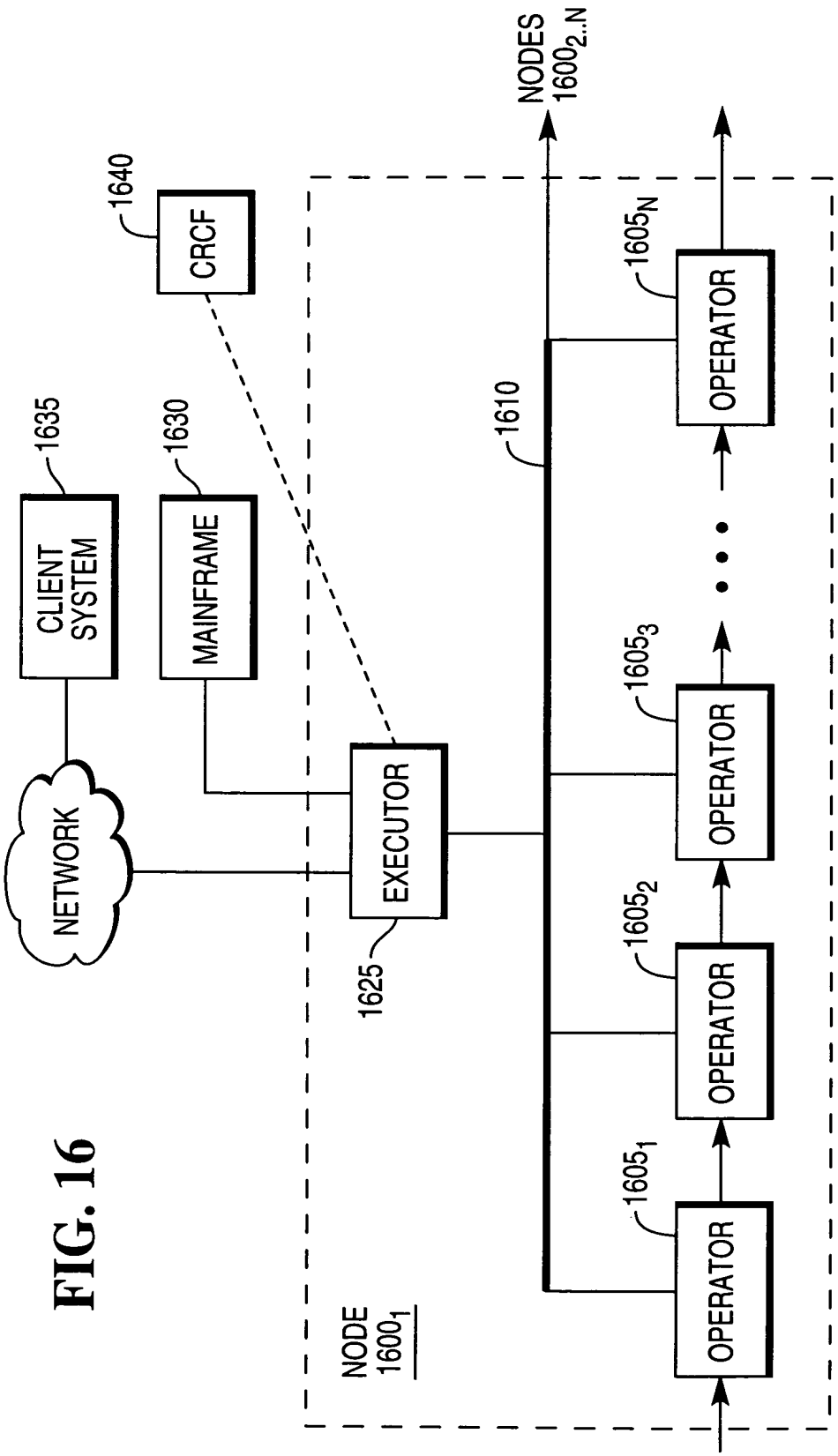


FIG. 16